

FIG. 1

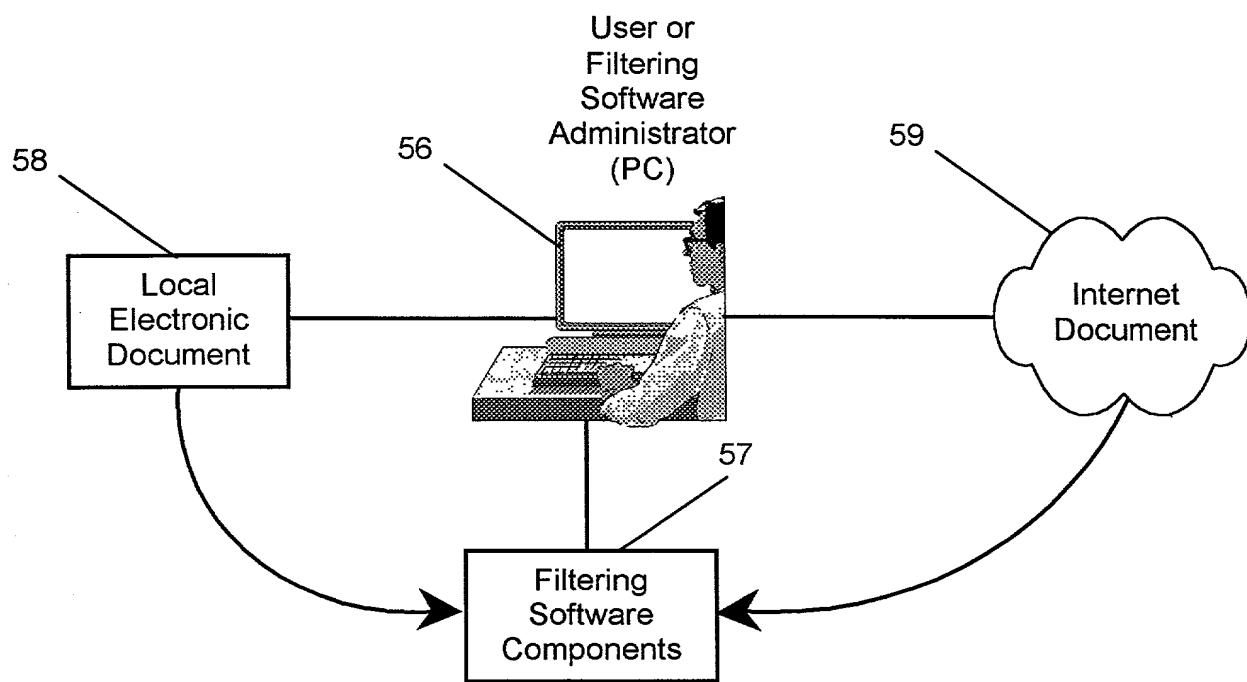
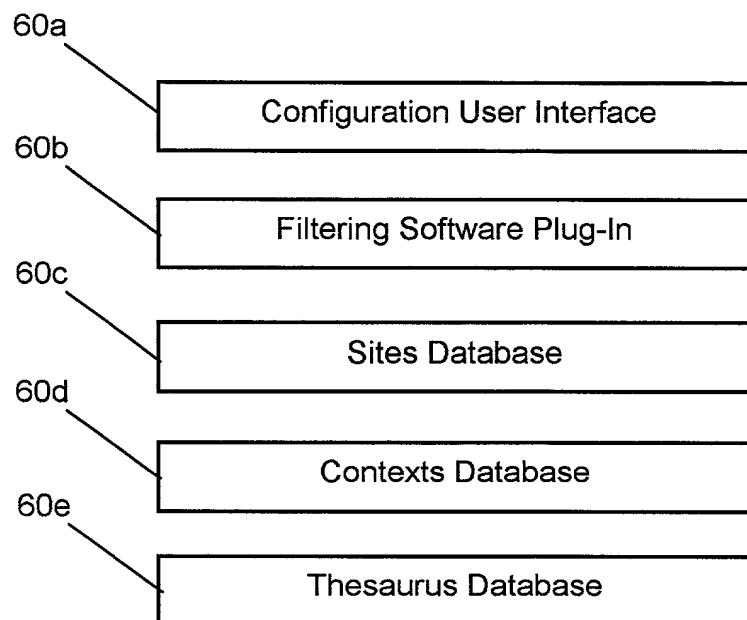


FIG. 2



**FIG. 3**

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Sites	Category	Permission
<u>www.playboy.com</u>	Web site	Restrict
alt.sex	Newsgroup	Restrict
<u>www.whitehouse.com</u>	Web site	Restrict
<u>www.penthouse.com</u>	Web site	Restrict
<u>www.filmwizards.com</u>	Web site	Restrict
<u>www.whitepride.com</u>	Web site	Restrict
chat.yahoo.com	Chat room	Restrict

FIG. 4

406200-0094660

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Contexts	Permission
pornography	Restrict
violence	Restrict
drugs	Restrict
racism	Restrict
child abuse	Restrict
murder	Restrict
gang	Restrict

FIG. 5

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Word	Contexts
apple	computer, hardware, software, laptop, servers, PowerBook, iMac, iBook, ClarisWorks, AppleWorks, PowerMac, Steve Jobs, acquisitions, alliances, New York Times, TheStreet.com, Adam's apple, Fruit, New York, Computer, Red, Green, Delicious, Apple Custard, Apple Sauce, Crab Apple, Apple Butter, Apple Pie, Apple chips, Apple juice, Apple cider, industry analysis, price, volume movement
attack	violence, sports, heart, war, game, illness, chemical, agent
movie	fun, film, cinema, cinematics, cinematograph, feature, flick, motion picture, moving picture, photoplay, screenplay, show, silent, silver screen, talkie, talking picture, videotape, theater, entertainment

FIG. 6

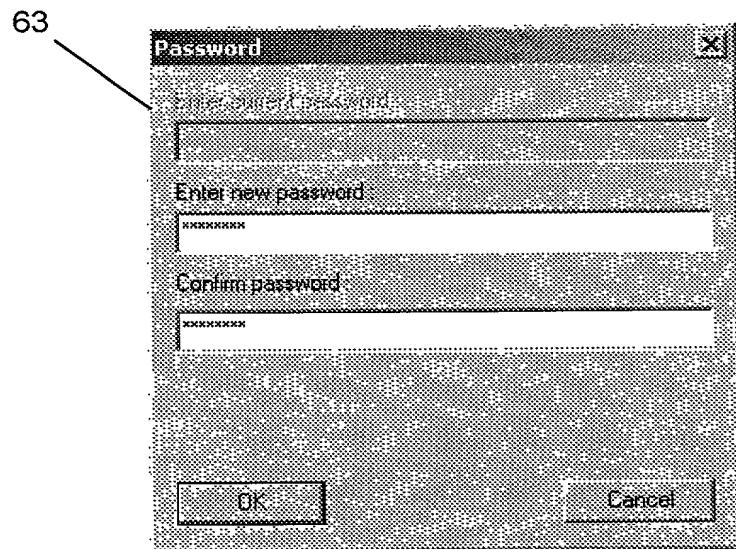


FIG. 7

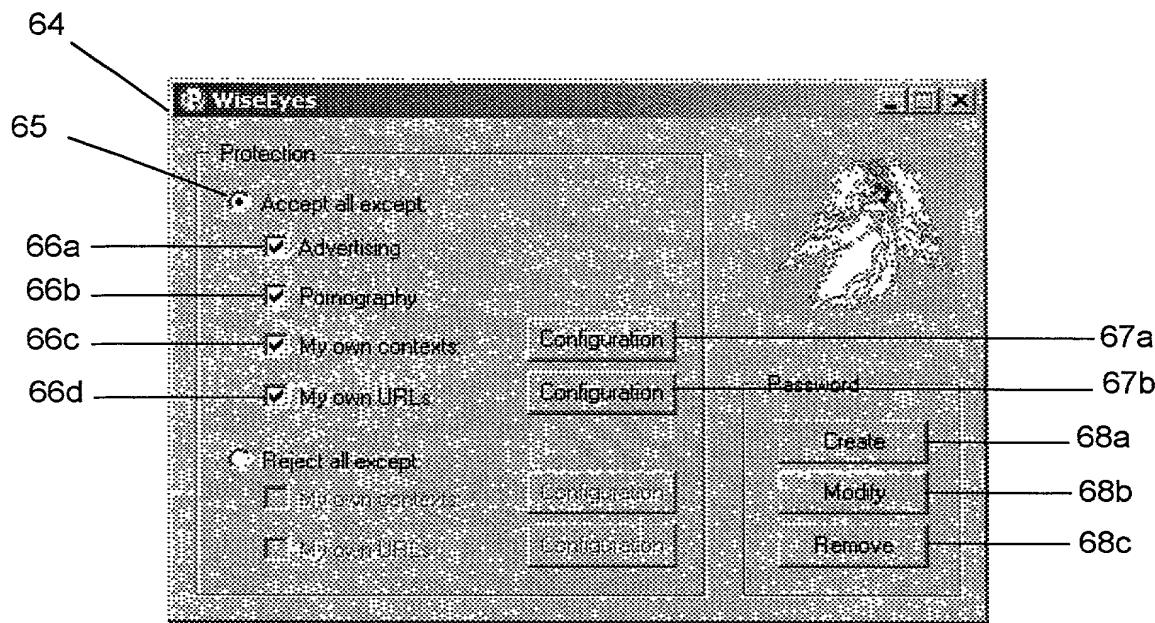


FIG. 8A

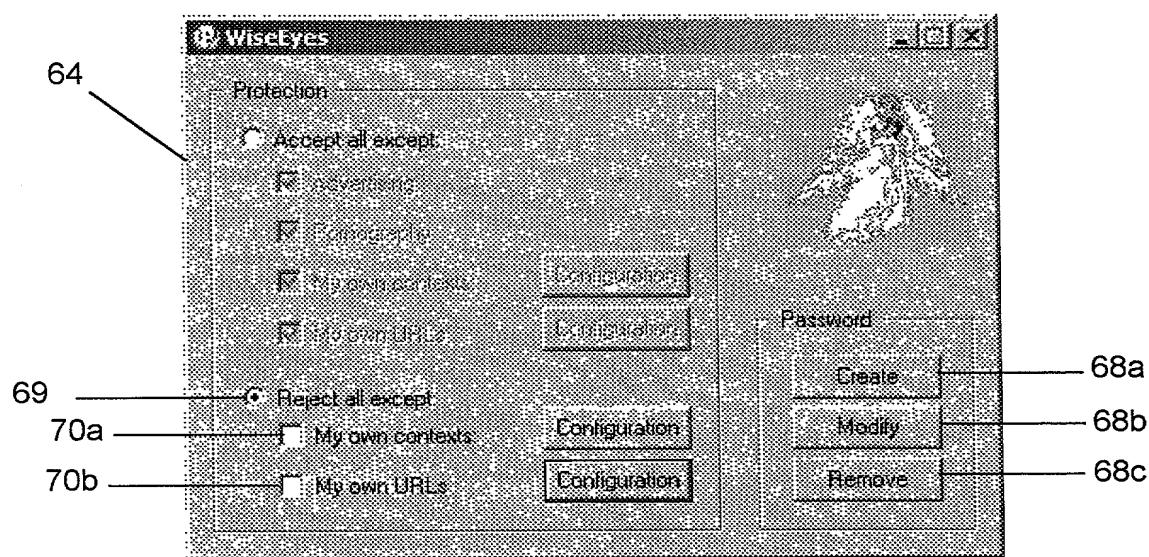
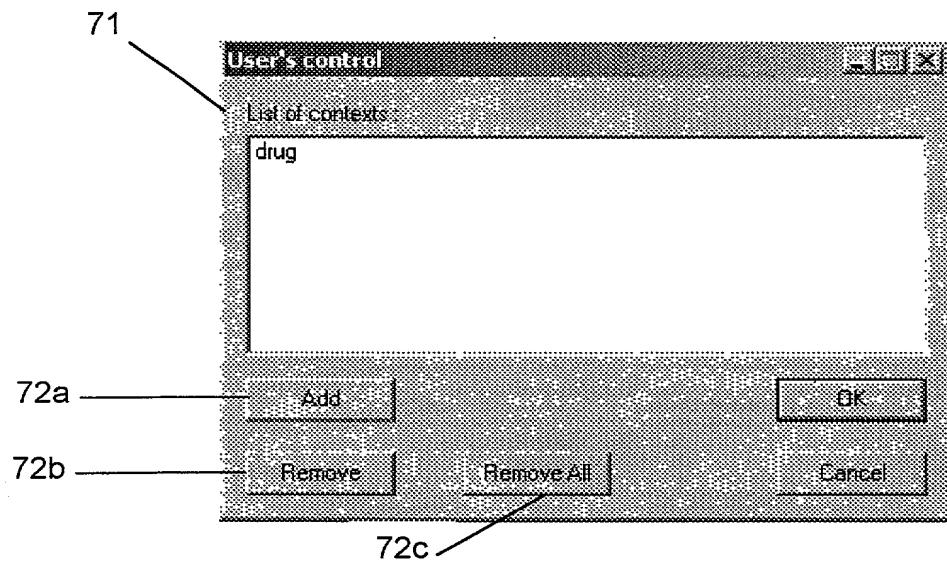


FIG. 8B



**FIG. 9**

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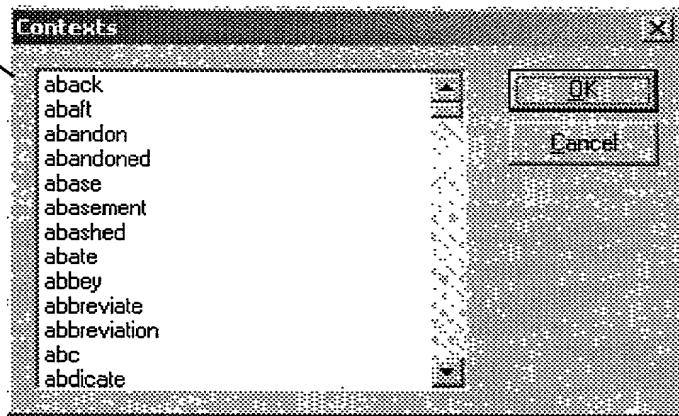


FIG. 10

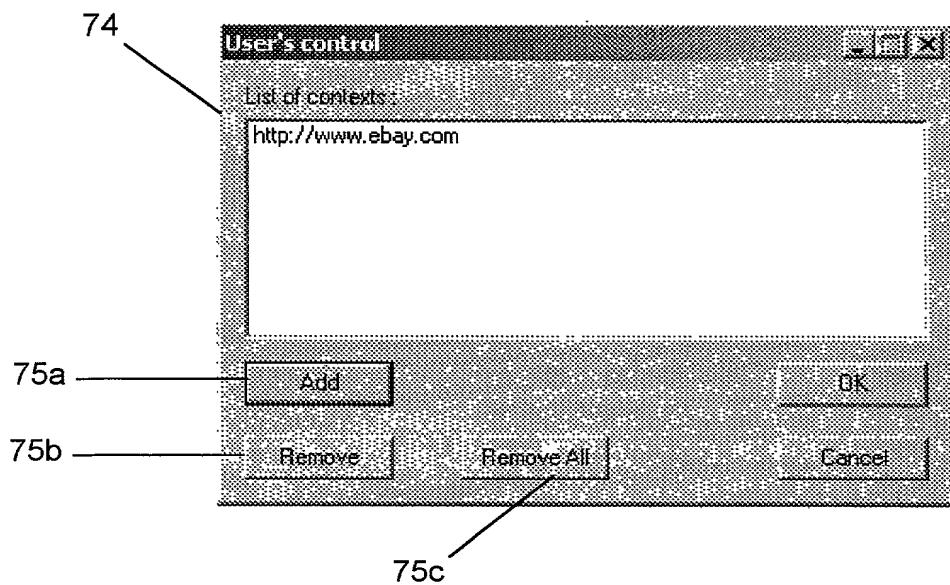


FIG. 11

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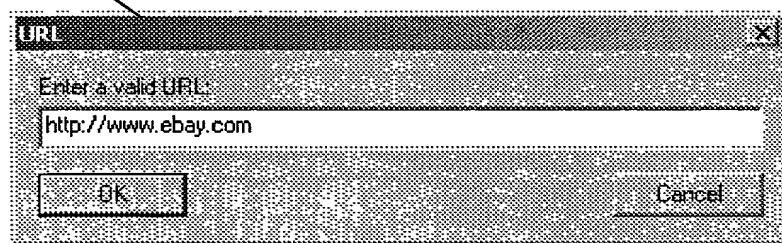


FIG. 12

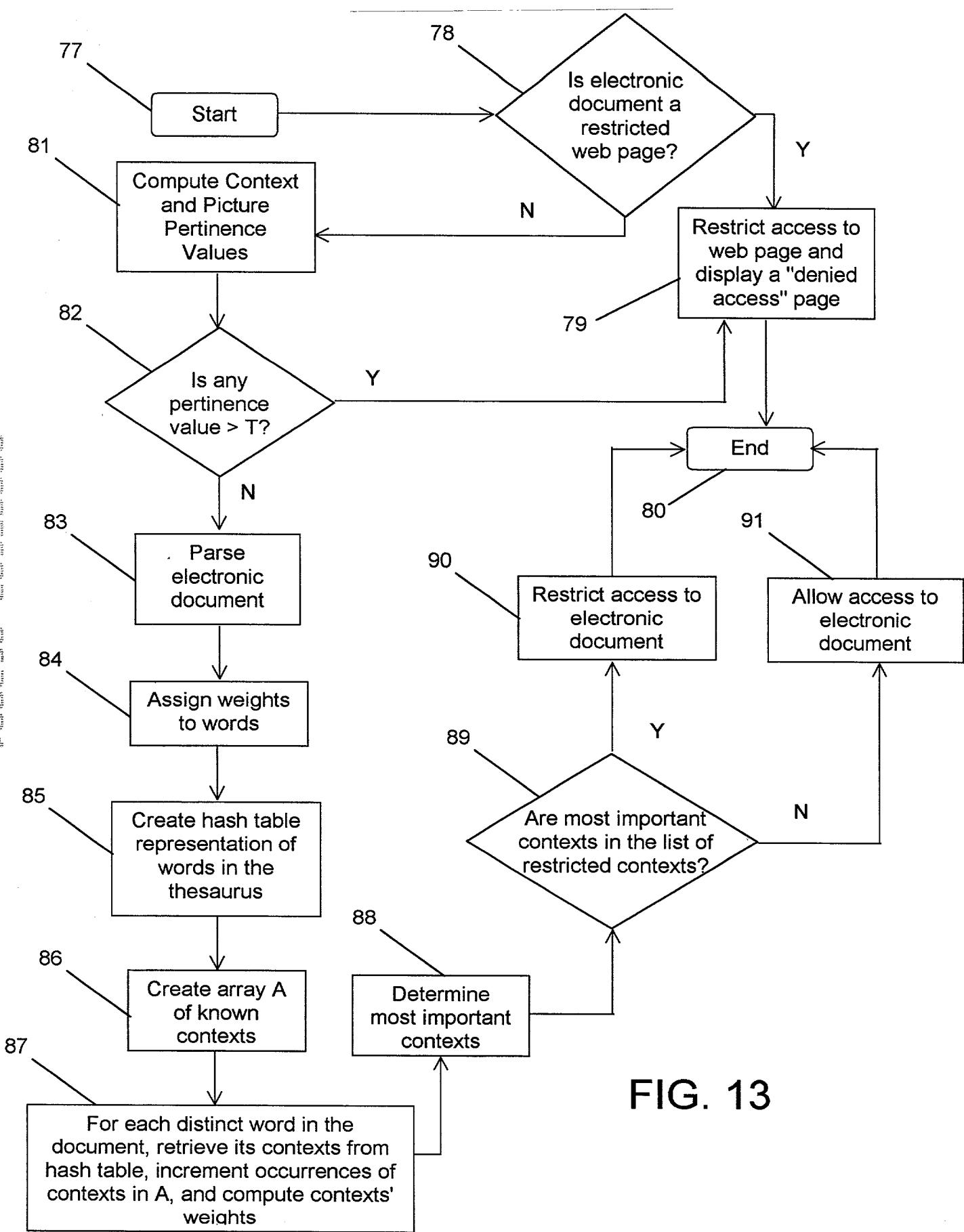


FIG. 13

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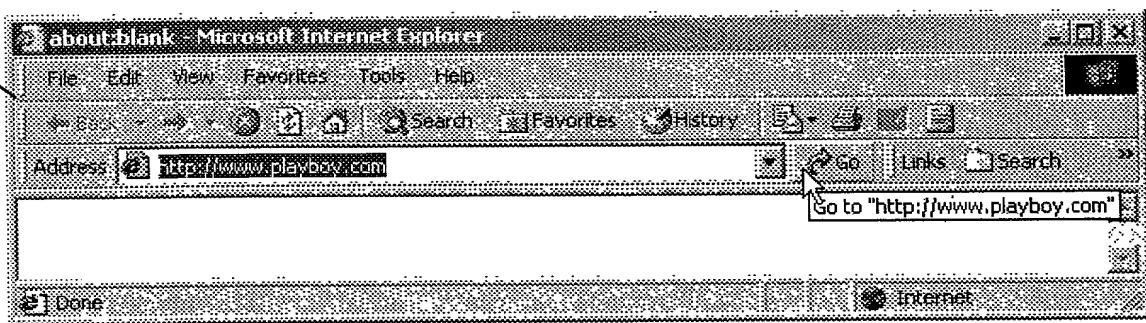


FIG. 14

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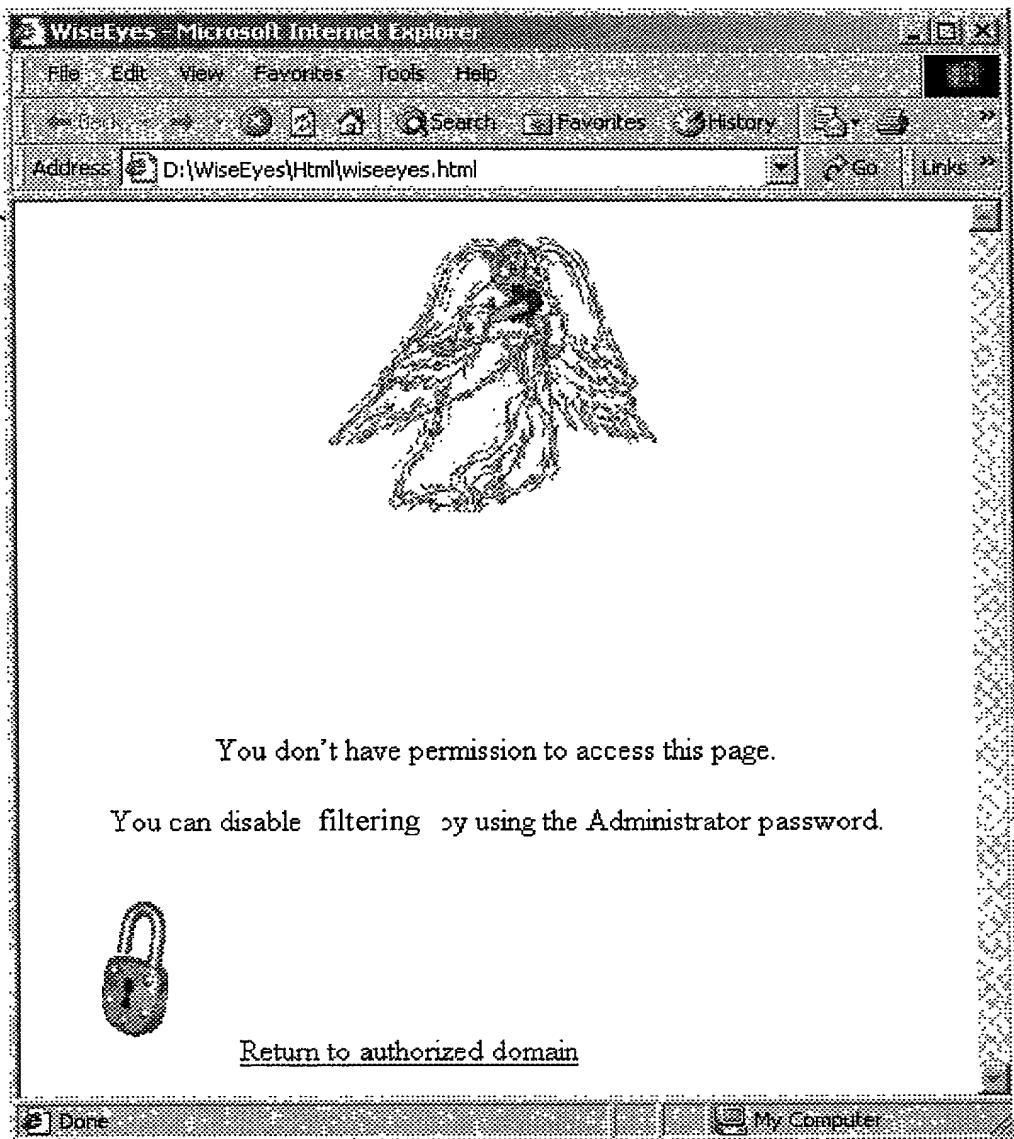


FIG. 15

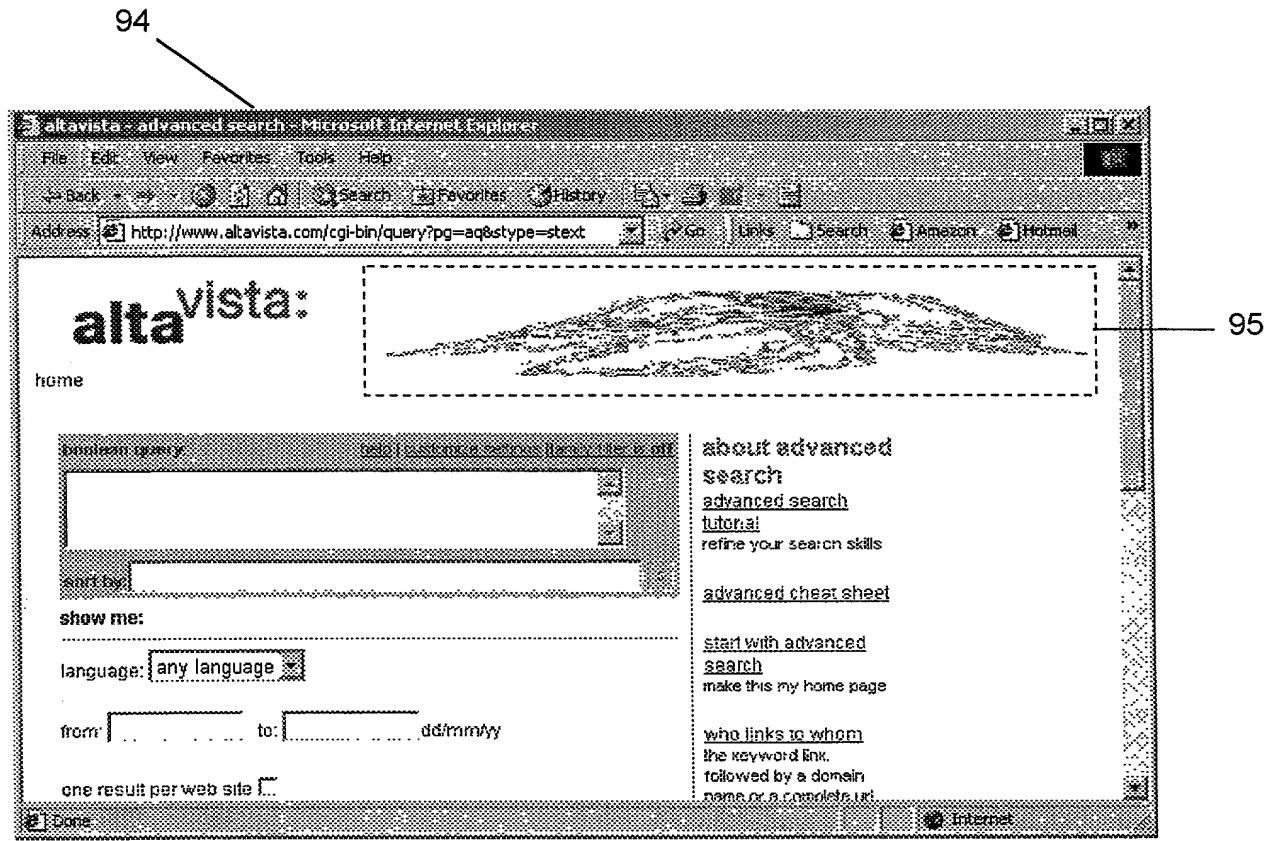


FIG. 16

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### Breast Cancer Symptoms

Early breast cancer usually does not cause pain. In fact, when breast cancer first develops, there may be no symptoms at all. But as the cancer grows, it can cause changes that women should watch for:

- A lump or thickening in or near the breast or in the underarm area.
- A change in the size or shape of the breast.
- A discharge from the nipple.
- A change in the color or feel of the skin of the breast, areola, or nipple (dimpled, puckered, or scaly).

A woman should see her doctor if she notices any of these changes. Most often, they are not cancer, but only a doctor can tell for sure.

FIG. 17

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Word	Context Vector	Weight Vector
breast	(mammary,glands,nipple,cancer)	(1,1,4,10)
cancer	(disease,doctor,breast cancer)	(1,2,5)
doctor	(physician,hospital,patient,disease)	(1,1,1,1)
symptoms	(disease,doctor,patient)	(1,1,1)

FIG. 18